

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	(cutting adj unit).clm. and (interpolating adj unit).clm. and ((video adj signal) same (change same band same frequency same component)).clm.	US-PGPUB; USPAT	OR	OFF	2007/09/28 14:30
L4	3	((video adj signal) same (change same band same frequency same component)).clm.	US-PGPUB; USPAT	OR	OFF	2007/09/28 14:28
L5	0	(cutting adj unit).clm. and (interpolating adj unit).clm.	US-PGPUB; USPAT	OR	OFF	2007/09/28 14:30
L6	0	(extract adj3 frequeuncy).clm. and (change adj3 band adj3 frequency).clm.	US-PGPUB; USPAT	OR	OFF	2007/09/28 14:30
L7	0	(cutting adj unit).clm. and (interpolating adj unit).clm. and ((video adj signal) same (change same band same frequency same component)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/28 14:30
L8	0	(cutting adj unit).clm. and (interpolating adj unit).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/28 14:30
L9	0	(extract adj3 frequeuncy).clm. and (change adj3 band adj3 frequency).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/28 14:30

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	310	348/345.ccls.	USPAT	OR	OFF	2007/04/10 10:22
S2	164	348/345.ccls. and frequency	USPAT	OR	OFF	2007/04/09 17:42
S3	82	S2 and (video adj signal)	USPAT	OR	OFF	2007/04/09 17:43
S4	96	S2 and video and filter	USPAT	OR	OFF	2007/04/09 17:43
S5	310	348/345.ccls.	USPAT	OR	OFF	2007/04/09 17:43
S6	0	348/354.ccls	USPAT	OR	OFF	2007/04/09 17:43
S7	105	348/354.ccls.	USPAT	OR	OFF	2007/04/10 15:56
S8	0	"348"".""342".ccls.	USPAT	OR	OFF	2007/04/09 17:43
S9	149	348/342.ccls.	USPAT	OR	OFF	2007/04/09 17:44
S10	0	S9 and S1 and S7	USPAT	OR	OFF	2007/04/09 17:44
S11	542	S9 or S1 or S7	USPAT	OR	OFF	2007/04/09 17:44
S12	141	S11 and filter and (video adj signal) and frequency	USPAT	OR	OFF	2007/04/09 17:44
S13	135	S11 and filter and (video adj signal) and frequency and focus\$5	USPAT	OR	OFF	2007/04/09 17:45
S14	115	S11 and ((video adj signal) same frequency) and focus\$5	USPAT	OR	OFF	2007/04/09 17:49
S15	40	S11 and ((video adj signal) same frequency) and focus\$5 and (band adj pass adj filter)	USPAT	OR	OFF	2007/04/09 17:49
S16	40	S11 and ((video adj signal) same frequency) and focus\$5 and (band adj pass adj filter\$1)	USPAT	OR	OFF	2007/04/09 17:52
S17	36	S11 and (frequency adj10 (video adj signal)) and focus\$5 and (band adj pass adj filter\$1)	USPAT	OR	OFF	2007/04/09 17:55
S18	22	S11 and (frequency adj10 (video adj signal)) same (band adj pass adj filter\$1)	USPAT	OR	OFF	2007/04/09 18:03
S19	12	S11 and (extract with frequency with band)	USPAT	OR	OFF	2007/04/09 18:08
S20	8	S11 and (variable adj5 filter)	USPAT	OR	OFF	2007/04/09 18:08
S21	105	348/354.ccls.	USPAT	OR	OFF	2007/04/10 10:34
S22	44	S21 and mode	USPAT	OR	OFF	2007/04/10 10:23
S23	0	S21 and (still adj 5mode)	USPAT	OR	OFF	2007/04/10 10:24
S24	3	S21 and (still adj5 mode)	USPAT	OR	OFF	2007/04/10 10:29
S25	32	S21 and (switch and mode)	USPAT	OR	OFF	2007/04/10 10:30
S26	11	S21 and (switch adj7 mode)	USPAT	OR	OFF	2007/04/10 10:30
S27	41	S21 and (mode and filter)	USPAT	OR	OFF	2007/04/10 10:30

## EAST Search History

S28	41	S21 and (mode and (filter or bpf))	USPAT	OR	OFF	2007/04/10 10:32
S29	34	S21 and (still and mode)	USPAT	OR	OFF	2007/04/10 10:32
S30	3	S21 and (still adj5 mode)	USPAT	OR	OFF	2007/04/10 10:32
S31	3	S21 and (still adj10 mode)	USPAT	OR	OFF	2007/04/10 10:32
S32	2	S21 and (moving adj10 mode)	USPAT	OR	OFF	2007/04/10 10:32
S33	30	348/354.ccls. and Canon.as.	USPAT	OR	OFF	2007/04/10 12:06
S34	75	S21 not S33	USPAT	OR	OFF	2007/04/10 11:18
S35	75	S21 not S33	US-PGPUB; USPAT	OR	OFF	2007/04/10 11:18
S36	15	348/354.ccls. and Canon.as. and mode	USPAT	OR	OFF	2007/04/10 12:06
S37	4	348/354.ccls. and Canon.as. and (video with mode)	USPAT	OR	OFF	2007/04/10 12:09
S38	0	348/342.ccls and (video adj5 mode)	USPAT	OR	OFF	2007/04/10 12:09
S39	0	348/342.ccls and (video same mode)	USPAT	OR	OFF	2007/04/10 12:09
S40	0	348/342.ccls and (mode)	USPAT	OR	OFF	2007/04/10 12:09
S41	48	348/342.ccls. and (mode)	USPAT	OR	OFF	2007/04/10 12:09
S42	13	348/342.ccls. and (video same mode)	USPAT	OR	OFF	2007/04/10 12:10
S43	2	348/342.ccls. and (video adj5 mode)	USPAT	OR	OFF	2007/04/10 12:14
S44	149	348/342.ccls.	USPAT	OR	OFF	2007/04/10 12:17
S45	254	348/342.ccls. or S21	USPAT	OR	OFF	2007/04/10 12:17
S46	84	S45 and (spatial adj2 frequency)	USPAT	OR	OFF	2007/04/10 12:20
S47	78	S45 and (spatial adj2 frequency) and (filter or lpf or bpf)	USPAT	OR	OFF	2007/04/10 12:21
S48	2	S45 and (variable adj3 spatial adj2 frequency) and (filter or lpf or bpf)	USPAT	OR	OFF	2007/04/10 13:49
S49	105	348/354.ccls.	USPAT	OR	OFF	2007/04/10 13:50
S50	78	348/354.icls.	USPAT	OR	OFF	2007/04/10 14:07
S51	176	348/354.icls. or 348/342.icls.	USPAT	OR	OFF	2007/04/10 14:07
S52	217	348/354.icls. or 348/342.icls. or 348/245.icls.	USPAT	OR	OFF	2007/04/10 14:07
S53	9	S52 and ((multiple or plurality or many) adj (filter or lpf or bpf or hpf))	USPAT	OR	OFF	2007/04/10 15:42
S54	217	348/354.icls. or 348/342.icls. or 348/245.icls.	USPAT	OR	OFF	2007/04/10 15:42

## EAST Search History

S55	0	S54 and filter and (prescribed adj band)	USPAT	OR	OFF	2007/04/10 15:42
S56	0	S54 and (prescribed adj band)	USPAT	OR	OFF	2007/04/10 15:43
S57	14	S54 and (prescribed)	USPAT	OR	OFF	2007/04/10 15:43
S58	1	S54 and (prescribed adj5 band)	USPAT	OR	OFF	2007/04/10 15:44
S59	0	"10729575".ap.	US-PGPUB; USPAT	OR	OFF	2007/04/10 15:44
S60	5	"729575".ap.	US-PGPUB; USPAT	OR	OFF	2007/04/10 15:44
S61	1	"729575".ap. and (prescribed adj band)	US-PGPUB; USPAT	OR	OFF	2007/04/10 15:44
S62	78	348/354.icls.	USPAT	OR	OFF	2007/04/10 16:04
S63	60	348/354.icls. and video and frequency	USPAT	OR	OFF	2007/04/10 16:22
S64	0	"5526049".pn. and pixel	USPAT	OR	OFF	2007/04/11 08:39
S65	1	"5526049".pn.	USPAT	OR	OFF	2007/04/11 08:39
S66	1	"5694168".pn. and broad	USPAT	OR	OFF	2007/04/11 08:48
S67	1	"5694168".pn. and broad and narrow	USPAT	OR	OFF	2007/04/11 08:49
S68	1	"5694168".pn. and fstart	USPAT	OR	OFF	2007/04/11 08:50
S69	1	"5694168".pn. and fstart and pekrcg	USPAT	OR	OFF	2007/04/11 08:50
S70	1	"6342922".pn. and high	USPAT	OR	OFF	2007/04/11 09:07
S71	1	"6342922".pn. and (high adj frequency)	USPAT	OR	OFF	2007/04/11 09:08
S72	1	"6342922".pn. and (high adj frequency) and video	USPAT	OR	OFF	2007/04/11 09:08
S73	1	"6342922".pn. and (high adj frequency) and (video adj signal)	USPAT	OR	OFF	2007/04/11 09:08
S74	1	"7158182".pn. and (band or filter)	USPAT	OR	OFF	2007/04/11 10:28
S75	0	"6342922".pn. and zoojm	USPAT	OR	OFF	2007/04/11 10:28
S76	0	"6342922".pn. and zoom	USPAT	OR	OFF	2007/04/11 10:31
S77	1	"7158182".pn. and zoom	USPAT	OR	OFF	2007/04/11 10:33
S78	128	(moving adj2 picture adj2 mode)	USPAT	OR	OFF	2007/04/11 10:33
S79	80	(moving adj2 picture adj2 mode) and frequency	USPAT	OR	OFF	2007/04/11 10:34
S80	0	(still adj 10moving adj2 picture adj2 mode) and frequency	USPAT	OR	OFF	2007/04/11 10:34
S81	383	(still adj "10" moving adj2 picture adj2 mode) and frequency	USPAT	OR	OFF	2007/04/11 10:34

## EAST Search History

S82	5	(still adj10 moving adj2 picture adj2 mode) and frequency	USPAT	OR	OFF	2007/04/11 10:37
S83	1	"7158182".pn. and zoom	USPAT	OR	OFF	2007/04/11 11:01
S84	0	"6342922".pn. and coefficient	USPAT	OR	OFF	2007/04/11 11:02
S85	0	"6342922".pn. and variable	USPAT	OR	OFF	2007/04/11 11:03
S86	26	348/355.icls.	USPAT	OR	OFF	2007/04/11 15:44
S87	0	"5475429".pn. and zoom	USPAT	OR	OFF	2007/04/11 11:16
S88	0	"5475429".pn. and mode	USPAT	OR	OFF	2007/04/11 11:16
S89	5	"5614961" and zoom	USPAT	OR	OFF	2007/04/11 11:23
S90	0	"5614961.pn." and zoom	USPAT	OR	OFF	2007/04/11 11:24
S91	0	"5614951".pn. and zoom	USPAT	OR	OFF	2007/04/11 11:24
S92	11	348/355.icls. and zoom	USPAT	OR	OFF	2007/04/11 11:32
S93	18	348/355.icls. and moving	USPAT	OR	OFF	2007/04/11 11:33
S94	15	348/355.icls. and still	USPAT	OR	OFF	2007/04/11 11:33
S95	10	348/355.icls. and mode	USPAT	OR	OFF	2007/04/11 11:34
S96	21	348/355.icls. and video	USPAT	OR	OFF	2007/04/11 11:35
S97	11	348/355.icls. and video and picture	USPAT	OR	OFF	2007/04/11 11:35
S98	1363	(video adj camera) and ((dual or two or multi\$5 or plurality) adj mode\$1)	USPAT	OR	OFF	2007/04/11 11:38
S99	804	S98 and frequency	USPAT	OR	OFF	2007/04/11 11:38
S100	572	S99 and (filter or bpf or band or lpf or hpf)	USPAT	OR	OFF	2007/04/11 11:40
S101	142	S100 and ((high or low) adj resolution)	USPAT	OR	OFF	2007/04/11 11:43
S102	0	(still adj picture) with (higher adj resolution) adj5 than	USPAT	OR	OFF	2007/04/11 11:44
S103	10	(still adj picture) with (higher adj resolution)	USPAT	OR	OFF	2007/04/11 11:47
S104	6	(still adj (image or picture)) adj5 (resolution) adj5 (moving adj (image or picture))	USPAT	OR	OFF	2007/04/11 11:48
S105	1	"4825295".pn.	USPAT	OR	OFF	2007/04/11 15:45
S106	1	"4831455".pn.	USPAT	OR	OFF	2007/04/11 15:45
S107	1	"4946255".pn.	USPAT	OR	OFF	2007/04/11 15:45
S108	1	"5159469".pn.	USPAT	OR	OFF	2007/04/11 15:46

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S10 9	1	"5581301".pn.	USPAT	OR	OFF	2007/04/11 15:46
S11 0	1	"5623309".pn.	USPAT	OR	OFF	2007/04/11 16:12
S11 1	1	"5623309".pn. and high	USPAT	OR	OFF	2007/04/11 16:14
S11 2	1	"5623309".pn. and video	USPAT	OR	OFF	2007/04/11 16:14
S11 3	1	"5623309".pn. and (frequency same (video adj signal))	USPAT	OR	OFF	2007/04/11 16:26
S11 4	0	"5623309".pn. and resolution	USPAT	OR	OFF	2007/04/11 16:26
S11 5	0	"5623309".pn. and res	USPAT	OR	OFF	2007/04/11 16:26
S11 6	107657	"5623309".pn. pixel	USPAT	OR	OFF	2007/04/11 16:26
S11 7	0	"5623309".pn. and pixel	USPAT	OR	OFF	2007/04/11 16:26
S11 8	1	"5623309".pn. and (video adj signal)	USPAT	OR	OFF	2007/04/11 16:32
S11 9	0	"6342922".pn. and zoom	USPAT	OR	OFF	2007/04/11 16:32
S12 0	0	"6342922".pn. and (focal adj length)	USPAT	OR	OFF	2007/04/11 16:32
S12 1	0	"6342922".pn. and (focal)	USPAT	OR	OFF	2007/04/11 16:33
S12 2	0	"5623309".pn. and ((electronic or digital) adj zoom)	USPAT	OR	OFF	2007/04/11 16:34
S12 3	1	"5623309".pn. and (electronic or digital)	USPAT	OR	OFF	2007/04/11 16:34
S12 4	1	"5623309".pn. and (zoom)	USPAT	OR	OFF	2007/04/11 16:38
S12 5	1	"6342922".pn. and (high adj frequency)	USPAT	OR	OFF	2007/04/11 16:39
S12 6	1	"6342922".pn. and ((high adj frequency) adj5 (video adj signal))	USPAT	OR	OFF	2007/04/11 17:04
S12 7	0	"6342922".pn. and (digital adj filter)	USPAT	OR	OFF	2007/04/11 17:04
S12 8	3	"080690"	US-PGPUB	OR	OFF	2007/04/16 09:58
S12 9	0	"080690.ap."	US-PGPUB	OR	OFF	2007/04/16 09:58
S13 0	2	"080690".ap.	US-PGPUB	OR	OFF	2007/04/16 09:58

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S13 1	2	"080690".ap. and video	US-PGPUB	OR	OFF	2007/04/16 09:58
S13 2	0	"080690".ap. and (video adj signal)	US-PGPUB	OR	OFF	2007/04/16 10:04
S13 3	1	"080690".ap. and (extract)	US-PGPUB	OR	OFF	2007/04/16 10:11
S13 4	0	"080690".ap. and (pixel adj signals adj from adj the)	US-PGPUB	OR	OFF	2007/04/16 10:27
S13 5	1	"080690".ap. and (pixel)	US-PGPUB	OR	OFF	2007/04/16 10:29
S13 6	0	"080690".ap. and (resolution)	US-PGPUB	OR	OFF	2007/04/16 10:29
S13 7	0	"080690".ap. and (number adj5 pixel)	US-PGPUB	OR	OFF	2007/04/16 10:29
S13 8	0	"080690".ap. and (amount adj5 pixel)	US-PGPUB	OR	OFF	2007/04/16 10:29
S13 9	0	"080690".ap. and (quantity adj5 pixel)	US-PGPUB	OR	OFF	2007/04/16 10:30
S14 0	0	"080690".ap. and (quality] adj5 pixel)	US-PGPUB	OR	OFF	2007/04/16 10:30
S14 1	0	"080690".ap. and (quality adj5 pixel)	US-PGPUB	OR	OFF	2007/04/16 10:30
S14 2	2	"729575".ap.	US-PGPUB	OR	OFF	2007/09/27 12:02
S14 3	165	348/349.ccls.	USPAT	OR	OFF	2007/09/27 12:02
S14 4	12	348/349.ccls. and (cut same signal)	USPAT	OR	OFF	2007/09/27 12:03
S14 5	47	"348".clas. and (auto\$focus same frequency same (video adj signal))	USPAT	OR	OFF	2007/09/27 12:04
S14 6	13	S145 and (cut)	USPAT	OR	OFF	2007/09/27 12:04
S14 7	12	S145 and (cut same signal)	USPAT	OR	OFF	2007/09/27 13:16
S14 8	151	cut adj4 (video adj signal)	USPAT	OR	OFF	2007/09/27 14:05
S14 9	71	348/240.2.ccls.	USPAT	OR	OFF	2007/09/27 14:05
S15 0	10	S149 and (thin\$4 adj out)	USPAT	OR	OFF	2007/09/27 17:36
S15 1	7	S150 and interpolat\$4	USPAT	OR	OFF	2007/09/27 14:09
S15 2	1	S151 and (band)	USPAT	OR	OFF	2007/09/27 14:06

## EAST Search History

S15 3	3	S151 and (frequency)	USPAT	OR	OFF	2007/09/27 15:14
S15 4	1	"5838370".pn. and (extract\$4	USPAT	OR	OFF	2007/09/27 15:14
S15 5	1	"5838370".pn. and (extract\$4 same frequency)	USPAT	OR	OFF	2007/09/27 15:15
S15 6	1	"5838370".pn. and (extract\$4 same frequency) and video	USPAT	OR	OFF	2007/09/27 15:16
S15 7	1	"5838370".pn. and (extract\$4 same frequency) and video and thin\$4	USPAT	OR	OFF	2007/09/27 15:17
S15 8	230	"348".clas. and (thin\$4) and (interpolat\$4) and (band same frequency)	USPAT	OR	OFF	2007/09/27 17:37
S15 9	14	"348".clas. and (thin\$4) and (interpolat\$4) and ((change or adjust) same band same frequency)	USPAT	OR	OFF	2007/09/27 17:46
S16 0	2056	"348".clas. and ((change or adjust) adj5 (band or frequency))	USPAT	OR	OFF	2007/09/27 17:47
S16 1	193	"348".clas. and ((change or adjust) adj5 (band))	USPAT	OR	OFF	2007/09/27 17:47
S16 2	52	"348".clas. and ((change or adjust) adj5 (band same frequency))	USPAT	OR	OFF	2007/09/27 17:48
S16 3	39	"348".clas. and ((change or adjust) adj4 (band same frequency))	USPAT	OR	OFF	2007/09/27 17:47
S16 4	39	"348".clas. and ((change or adjust) adj4 (band same frequency))	USPAT	OR	OFF	2007/09/27 17:48
S16 5	2056	"348".clas. and ((change or adjust) adj5 (band or frequency))	USPAT	OR	OFF	2007/09/27 17:48
S16 6	1	"348".clas. and ((change or adjust) adj5 (band or frequency)) same (interpol\$7 and thin\$4)	USPAT	OR	OFF	2007/09/27 17:49
S16 7	262	"348".clas. and (thin\$5 and interpolat\$6 and extract\$4 and band)	USPAT	OR	OFF	2007/09/27 17:49
S16 8	2	"348".clas. and (thin\$5 and interpolat\$6 and extract\$4 and ((chang\$4 or adjust\$4) adj3 band))	USPAT	OR	OFF	2007/09/27 17:52
S16 9	92	"348".clas. and (thin\$5 and interpolat\$6) and (extract\$4 same frequency same signal)	USPAT	OR	OFF	2007/09/27 17:59



## EAST Search History

S17 0	69	S169 and ((chang\$4 or adjust\$4) same (band or frequency))	USPAT	OR	OFF	2007/09/27 17:54
S17 1	36	S169 and ((chang\$4 or adjust\$4) adj5 (band or frequency))	USPAT	OR	OFF	2007/09/27 18:00
S17 2	57	"348".clas. and (thinn\$5 and interpolat\$6) and (extract\$4 same frequency same signal)	USPAT	OR	OFF	2007/09/27 17:58
S17 3	42	"348".clas. and (thin\$5 and interpolat\$6) and (extract\$4 adj5 frequency same signal)	USPAT	OR	OFF	2007/09/27 17:59
S17 4	14	S173 and ((chang\$4 or adjust\$4) adj5 (band or frequency))	USPAT	OR	OFF	2007/09/27 18:07
S17 5	1	S174 and (change same band)	USPAT	OR	OFF	2007/09/27 18:11
S17 6	0	"348".clas. and (thinning or thinned) and (interpolat\$4) and (extract\$3 adj3 frequency) and (chang\$4 adj3 band)	USPAT	OR	OFF	2007/09/27 18:11
S17 7	0	"348".clas. and (thinning or thinned) and (interpolat\$4) and (extract\$3 adj3 frequency) and (chang\$4 adj6 band)	USPAT	OR	OFF	2007/09/27 18:12
S17 8	1	"348".clas. and (thinning or thinned) and (interpolat\$4) and (extract\$3 adj3 frequency) and (adjust\$4 adj6 band)	USPAT	OR	OFF	2007/09/27 18:12
S17 9	557	"348".clas. and (thinning or thinned) and (interpolat\$4)	USPAT	OR	OFF	2007/09/27 18:12
S18 0	36	"348".clas. and (thinning or thinned) and (interpolat\$4) and (extract\$4 adj3 frequency)	USPAT	OR	OFF	2007/09/27 18:12
S18 1	33	S180 and (band)	USPAT	OR	OFF	2007/09/27 18:13
S18 2	1	S180 and ((change or adjust) same band)	USPAT	OR	OFF	2007/09/27 18:14
S18 3	10	S180 and ((change or adjust) same frequency)	USPAT	OR	OFF	2007/09/27 18:20
S18 4	9	(extract same frequency).clm. and (change same band).clm.	USPAT	OR	OFF	2007/09/28 11:25
S18 5	165	348/349.ccls.	USPAT	OR	OFF	2007/09/28 11:26

## EAST Search History

S18 6	0	348/349.ccls. and (interpolat\$4) and (thinn\$4) and (extract\$4 adj3 frequency) and ((chang\$4 or adjust\$4) adj3 (frequency or band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/28 11:29
S18 7	0	348/349.ccls. and (interpolat\$4) and (thinn\$4) and (extract\$4 adj3 frequency) and ((chang\$4 or adjust\$4) adj5 (frequency or band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/28 11:29
S18 8	1	348/240.2.ccls. and (interpolat\$4) and (thinn\$4) and (extract\$4 adj3 frequency) and ((chang\$4 or adjust\$4) adj5 (frequency or band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/28 11:30
S18 9	1	348/240.99.ccls. and (interpolat\$4) and (thinn\$4) and (extract\$4 adj3 frequency) and ((chang\$4 or adjust\$4) adj5 (frequency or band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/28 11:30
S19 0	0	348/347.ccls. and (interpolat\$4) and (thinn\$4) and (extract\$4 adj3 frequency) and ((chang\$4 or adjust\$4) adj5 (frequency or band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/28 11:31
S19 1	0	348/342.ccls. and (interpolat\$4) and (thinn\$4) and (extract\$4 adj3 frequency) and ((chang\$4 or adjust\$4) adj5 (frequency or band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/28 11:31
S19 2	17	"348".clas. and (interpolat\$4) and (thinn\$4) and (extract\$4 adj3 frequency) and ((chang\$4 or adjust\$4) adj5 (frequency or band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/09/28 11:31

## EAST Search History

S19 3	24	(US-20020044206-\$).did. or (US-6067115-\$ or US-5534923-\$ or US-5614951-\$ or US-7126640-\$ or US-5345264-\$ or US-7158182-\$ or US-6222588-\$ or US-3883689-\$ or US-5526049-\$ or US-6271883-\$ or US-6342922-\$ or US-6654061-\$ or US-5664238-\$ or US-5475429-\$ or US-5694168-\$ or US-5834761-\$ or US-6686966-\$ or US-5838370-\$ or US-7136110-\$ or US-6690418-\$ or US-5966171-\$ or US-6445416-\$ or US-6380974-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/09/28 11:39
S19 4	7	S193 and (interpolat\$4 and thinn\$4) and (frequency)	US-PGPUB; USPAT	OR	OFF	2007/09/28 11:42
S19 5	7	S193 and (interpolat\$4 and thinn\$4)	US-PGPUB; USPAT	OR	OFF	2007/09/28 11:40
S19 6	7	S193 and (interpolat\$4 and thinn\$4) and (frequency or band)	US-PGPUB; USPAT	OR	OFF	2007/09/28 11:43
S19 7	3	S193 and (interpolat\$4 and thinn\$4) and (frequency or band) and (\$focus)	US-PGPUB; USPAT	OR	OFF	2007/09/28 11:43